

Draft

WATER QUALITY PROBLEMS

Water quality problem statements are developed around five beneficial use categories and are presented in the attached outline and tree graphic. These categories represent the primary beneficial uses requiring improved water quality from the Delta: drinking water, agriculture, industry, recreation, and ecosystems. **Drinking water** quality problem statements are tied to health effects, aesthetics, treatment costs and difficulty, and federal and state drinking water regulations. **Agricultural water quality** problem statements relate to economic productivity, crop choice, and operational difficulties. **Industrial water quality** problem statements relate to treatment and production costs and operational difficulties. **Recreational water quality** problem statements relate to health risk and aesthetics. **Ecosystem water quality** problems are addressed under Ecosystem Quality.